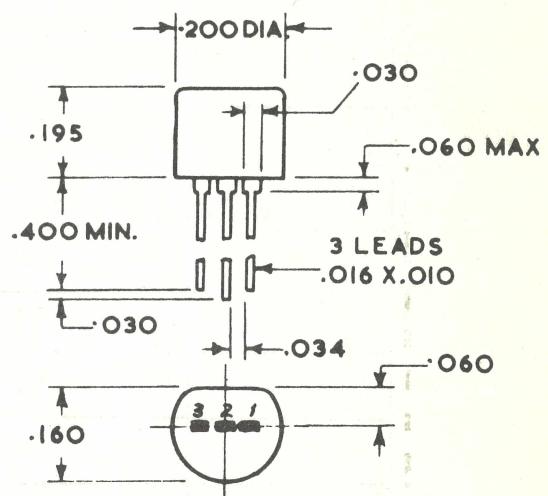




The AS148 and AS149 are n-p-n silicon planar epitaxial transistors for general purpose use in audio and switching circuits. The AS149 is a low-noise high gain unit. These units are in epoxy packages.

## DIMENSIONAL OUTLINE

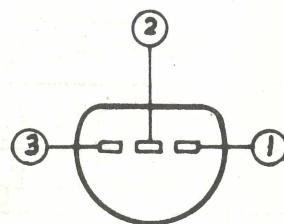


Dimensions in Inches

## ABSOLUTE MAXIMUM RATINGS

Collector-base voltage	= 20 volts
Collector-emitter voltage	= 20 volts
Emitter-base voltage	= 5 volts
Emitter current	= 100mA

## TERMINAL DIAGRAM



Lead 1-Emitter  
Lead 2-Base  
Lead 3-Collector

## THERMAL RATINGS

Dissipation in an ambient temperature up to  $25^{\circ}\text{C}$  ----- 300mW max.

Derate linearly to zero at  $135^{\circ}\text{C}$ .

During soldering lead temperature must not exceed  $255^{\circ}\text{C}$  for 10 secs. max. within  $1/16"$  of can.

Storage temperature  $-25^{\circ}\text{C}$  to  $135^{\circ}\text{C}$ .

CHARACTERISTICS AT 25°C AS148

AS148

AS149

AMALGAMATED WIRELESS VALVE CO. PTY. LTD.